

We claim:

1. A support for a manikin comprising:

(a) first and second opposed extension members when normally positioned cooperating to form a cradling surface to support the manikin;

5 (b) a base member connector for connecting the extension members to a base member;

(c) the first extension member biased in an inward direction toward the second extension member to return to its normal position and moveable from its normal position in an outward direction away from the second extension member upon application of a pre-determined force on the first extension member;

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(d) the second extension member being elongated and comprising an outer surface of continuous substantially smooth contour to minimizing the possibility that the movement of the manikin will be interfered with through contact with the second extension member when the manikin is moved with respect to the cradling surface;

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wherein when the manikin is supported by the cradling surface the manikin may be moved in an outward direction on movement of the first extension member in the outward direction on application of the pre-determined force.

20 2. The support as described in claim 1 wherein the extension members are curved upwardly and outwardly away from one another.

3. The support as described in claim 1 wherein the second member comprises a pair of opposed sides in parallel alignment with one another.

4. The support as described in claim 3 wherein the members are in co-planar alignment.

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5. The support as described in claim 1 wherein the members are in co-planar alignment.

6. The support as described in claim 2 wherein the members are in co-planar alignment.

5 7. The support as described in claim 1 wherein the second member is tubular in cross-section.

8. The support as described in claim 1 wherein the second member is of uniform width throughout its length.

9. The support as described in claim 1 wherein the second member is thinner in  
10 width at the outer end as compared to the inner end of the second member.

10. The support as described in claim 8 wherein the second extension member is about 2 inches to 4 inches wide.

11. The support as described in claim 8 wherein the second extension member is about 3 inches wide.

15 12. The support as described in claim 1 wherein the first extension member is resiliently deformable so as to be movable in the outward direction on application of the pre-determined force and due to its inward bias movable inwardly to its normal position when the predetermined force is released from the first extension member.

13. The support as described in claim 1 wherein the first extension member further  
20 comprises biasing means for biasing the first extension member in the inward direction, said biasing means movable on application of the predetermined force to permit movement of the first extension member in the outward direction.

14. The support as described in claim 13 wherein the biasing means is a spring.

15. The support as described in claim 1 wherein the extension members are  
25 configured so that the cradling surface generally conforms to the shape of a corresponding contact surface on the manikin.

16. The support as described in claim 1 wherein the manikin is removable from the cradling surface in the outward direction when the first member is deflected on application of the predetermined force.

17. The support as described in claim 1 wherein the manikin is returned to a rest position when the first extension member returns to its normal position on release of the pre-determined force.

18. The support as described in claim 1 wherein the manikin is connected to the cradling surface to prevent removal of the manikin from the cradling surface.

19. The support as described in claim 1 further comprising a releasable manikin connector comprising a first connector member cooperating with the cradling surface and a corresponding second connector member cooperating with the manikin to releasably connect the manikin to the cradling surface, the first and second connector members releasable from one another to separate the manikin from the cradling surface on application of a pre-determined force.

20. The support as described in claim 19 wherein the first connector member is a magnet and the second connector member is a magnetic attractant.

21. The support as described in claim 19 wherein the first connector member is a hook fastener and the second connector member is a corresponding loop fastener.

22. The support as described in claim 19 wherein the first connector member is a releasable hook and the second connector member is a flange securable in the hook.

23. The support as described in claim 19 wherein the releasable manikin connector cooperates with the first extension member to release the manikin from the cradling surface upon application of the predetermined force on the first extension member.

24. The support as described in claim 1 wherein the first and second extension members are integral with one another.

25. The support as described in claim 1 wherein each extension member extends upwardly and away from the other extension member to form the cradling surface in the

region between the extension members when the first extension member is in its normal position.

26. The support as described in claim 1 wherein when the first extension member is in the normal position it prevents a manikin supported in the cradle surface from rotating about an axis adjacent the cradling surface and on application of the predetermined force on the first extension member the manikin is free to rotate about the axis so that the upper part of the manikin is rotatable in the outward direction.

27. The support as described in claim 12 wherein the first extension member further comprises a reinforcement member preventing the movement of the first extension member beyond a pre-determined position in the outward direction.

28. The support as described in claim 20 wherein the first extension member further comprises a reinforcement member to prevent deflection of the first extension member beyond a pre-determined position in the outward direction and wherein the reinforcement member acts as the magnetic attractant.

29. The support as described in claim 1 further comprising an attachment member attaching the manikin to the first extension member.

30. The support as described in claim 1 further comprising an attachment member attaching the manikin to the first and second extension members.

31. The support as described in claim 1 wherein the second extension member is biased in an inward direction toward the first extension member to return to its normal position and movable from its normal position in an outward direction away from the first extension member upon application of a second pre-determined force on the second extension member.

32. The support as described in claim 12 wherein the second extension member is biased in an inward direction toward the first extension member to return to its normal position and moveable from its normal position in an outward direction away from the first extension member upon application of a second pre-determined force on the second extension member.

33. The support as described in claim 31 wherein the second extension member is resiliently deformable so as to be movable in the outward direction on application of the second pre-determined force and due to its inward bias movable inwardly to its normal position when the second predetermined force is released from the second extension member.
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